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— VOL. 3 NO. 11 —



Eastern
hellbender

Hellbender project contractors save woman's life

Tuesday September 23rd started off like any other morning for Greg Lipps and Mike Sisson, part of a consulting firm contracted by KDFWR (State Wildlife Grant project) to survey and assess the status of the Eastern Hellbender in Kentucky.

Surveying for hellbenders (a large, completely aquatic salamander) requires repeated lifting of large boulders in high-quality stream habitat, and access to these sites is often a problem.

That morning, Greg and Mike were driving slowly along highway 715 in Menifee County looking for a point of access along the Red River to survey a historic hellbender site.

Since this particular road within the Red River Gorge has many twists and curves, and winds along a steep ravine that drops to the river, a good look at potential access meant partially hanging out of the truck to see clearly.

To Mike and Greg's surprise, they spotted a badly wrecked vehicle 20 feet



A search for salamanders led to the discovery of this car instead.

deep in the ravine. They stopped their truck and discovered a severely dehydrated, injured woman who had been awaiting help for three days (her vehicle had been wrecked the previous Sunday).

Emergency Medical Technicians were

immediately called, and the woman was transported to the University of Kentucky hospital, where she is expected to make a full recovery.

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Kinman is new KDFWR Deputy Commissioner

Former Fisheries Division Director and most recently Interim Deputy Commissioner Benjy Kinman is now Deputy Commissioner of the Kentucky Department of Fish and Wildlife Resources. His appointment is effective immediately.

Benjy began his career with the Department as a Fisheries Biologist in 1976. He was promoted to Fisheries Research Biologist in 1984 and then to Fish and Wildlife Program Coordinator in 1986.

He became Fisheries Division Director in 2001 and Interim Deputy Commissioner in June.



Kinman is an avid striped bass and smallmouth angler. He currently resides in Frankfort with his wife, Connie.



Estes promoted to Major



Commissioner Dr. Jon Gassett and Colonel Bob Milligan place the oak leaf clusters on Larry Estes' shirt collar this week after promoting him to Law Enforcement Major and Assistant Division Director. *Mark Marraccini photo*

Colonel Bob Milligan announced the promotion of Larry Estes to Major, and assistant division director, effective October 16.

Estes, who joined the Department in January 1995 after a year with Somerset Police Department, has been serving as a Lieutenant in charge of coordinating the division's training for the past six years.

After joining the department, he was assigned to Edmonson County where he worked about six months. He moved to Russell County briefly and then settled in Pulaski County where he remained until coming to Frankfort in 2002.

Major Estes holds a bachelors degree from Eastern Kentucky University in Police Administration. He is a Kentucky Law Enforcement Council certified instructor in numerous areas of law enforcement.

Perry County Officer Greg Watts glasses for elk at Paul Van Booven WMA.
Hayley Lynch photo



Working the 2008 bull elk hunt

Perry County Conservation Officer Greg Watts lifted his binoculars and peered at a group of elk at the top of a nearby hill. A spike bull and three cows stood silhouetted against a bright orange sunrise. Just over the hill, a mature bull elk bugled, the chilly air carrying the sound across the valley to an answering bull on the opposite horizon.

"I've been working ten years," Watts said. "And there are still mornings where I can't believe they pay me to do this."

Opening weekend of the 2008 bull elk hunt certainly had its moments for Fish and Wildlife employees. You can't stand on a reclaimed strip mine, surrounded by the bugling of a creature once wiped off Kentucky's landscape, and not feel at least a tad bit grateful.

This year's opening weekend also brought plenty of work, as it always does. Hunters brought 17 bulls to the Hazard check station, where department biologists weighed and aged the animals, taking blood, hair and tissue samples. Students from Murray State University and Eastern Kentucky University helped with the research.

Some bulls were green-scored as hunters and onlookers watched, waiting

to hear if state records would be broken. An 8x8 bull rough-scored 392 and may become the new non-typical state record after official scoring.

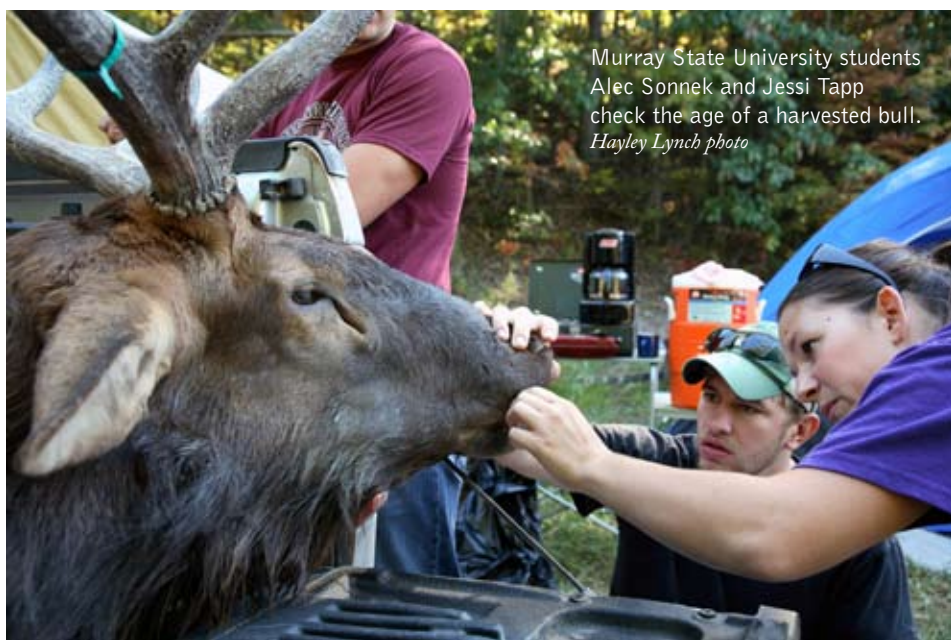
With a record number of hunters, department employees spent some long days at this year's bull elk hunt. But putting in long hours in the field, with a chance to view wild elk or measure a potential state record, is not a bad day's work.

WE GET MAIL

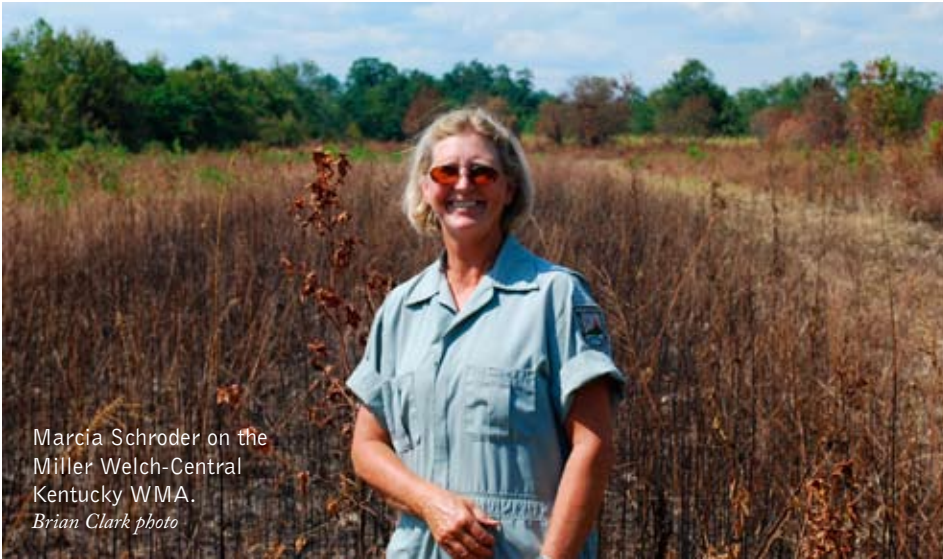
Letters to the Commissioner's Office

Jeff Cooper from Versailles writes, "I would like to thank KD-FWR for the efforts in the Elk restoration program and my opportunity to hunt elk. I would like to extend a personal thank you to Jayson Plaxico and Joe Lacefield for all of their assistance and the very professional attitude and courtesy they extended to me during my hunt. They are two very fine gentlemen." Thanks to Jayson and Joe for your positive contacts with the public.

NOTE to Division Directors: *When you receive comments such as this one, please notify the Commissioner's Office. We are confident in our staff's ability to interact with the public and would like to share compliments and comments with everyone.*



Murray State University students Alec Sonnek and Jessi Tapp check the age of a harvested bull.
Hayley Lynch photo



Marcia Schroder on the
Miller Welch-Central
Kentucky WMA.
Brian Clark photo

Schroder retires as manager of Central WMA in Madison Co.

Marcia Schroder concluded her 23-year KDFWR career on September 30th after 20 years as wildlife foreman on the Miller Welch-Central Kentucky WMA.

In 1988 she started managing the 1850-acre area, which was originally begun in the 1960s to provide grounds for dog training, field trials, and limited hunting, but has since expanded to also offer a variety of shooting sports opportunities as well.

Marcia impacted multiple generations in both her professional and volun-

teer pursuits.

On the WMA, for example, she helped make possible trap-shooting events that annually involved thousands of shooters, many of them school-aged kids.

In the county, Marcia and retiree Tom Edwards volunteered with 4-H in the 1990s to help local students compete in the Wildlife Habitat Evaluation Program (WHEP). They helped bring multiple WHEP state championships to Madison County and chaperoned four trips to WHEP nationals.

Before her WMA days, Marcia worked in the old "Fiscal Control" division, where she kept statewide inventory for KDFWR and traveled around the state reconciling each county clerks' hand-written records for licenses sold.

Marcia says she will most miss interacting with young shooters and doing habitat management, especially prescribed burning to promote native plants.

Carlton Joins I & E

Timothy Bryant Carlton joined the Information and Education Section in October as a fourth district Conservation Education Program Leader. Bryant replaces Rodger Coombs, who retired in July.

A Murray State University graduate in Earth Science, Bryant has worked for KDFWR for three consecutive summers as a counselor at Camp Currie. Prior to accepting the CEPL position, he was employed at Pennyryle Forest State Resort Park. Bryant is an avid outdoorsman and enjoys both hunting and fishing.

Bryant has recently moved to Bardstown and will serve schools in Breckinridge, Grayson, Hardin, LaRue, Marion, Nelson, and Washington Counties. During the summer he will work at Camp Currie – this time as a permanent employee. Congratulations and welcome aboard, Bryant!

"Hellbender," continued

HELLBENDER PROJECT RESULTS ARE INTERESTING

In addition to the lucky circumstances that resulted in a saved life, the first three months of the hellbender project have had some interesting results.

Greg Lipps LLC was contracted to survey each historic hellbender site within the Kentucky and Licking River watersheds. Thus far, hellbender populations

have been detected at only two of 28 surveyed sites; however, one of the sites has an unusually robust population of hellbenders that includes all age classes.

Finding smaller animals is very important since, throughout the range of the hellbender, most streams contain only very large adult animals. Since hellbenders are long-lived (30+ years), the streams without smaller size classes may indicate an old, senescent population that is no longer reproducing (i.e. not a viable population).

At one of the two sites in Kentucky,

biologists have surveyed nine individuals ranging in length from 10 inches to 24 inches. The causes of sharp, range-wide declines in Eastern Hellbender populations are largely unknown, but siltation, water pollution, dams, collecting, and direct killing are thought to contribute to these declines.

After high-quality hellbender sites are identified in Kentucky, these waterways will be elevated to high priority status when it comes to habitat improvement projects.

Fall tailwater trout stockings



A trophy brown trout caught from the Lake Cumberland Tailwater as part of the Department's trout stocking program. Rainbow and brown trout are the two species of trout stocked in Kentucky.

now fishing for crappie, and tailwater fishing for white bass and hybrid striped bass.

October also signals the beginning of the Department's fall tailwater rainbow trout stocking program throughout the Commonwealth. Rainbow trout are stocked in many tailwaters throughout Kentucky

that offer coldwater habitat suitable for rainbow trout.

The tailwater trout fisheries have become extremely popular with anglers due to the amount of trout stocked, high catch rate by anglers, and excellent table fare. Fall stockings of rainbow trout occur dur-

ing the months of October and November and provide outstanding fall and winter fisheries throughout the state.

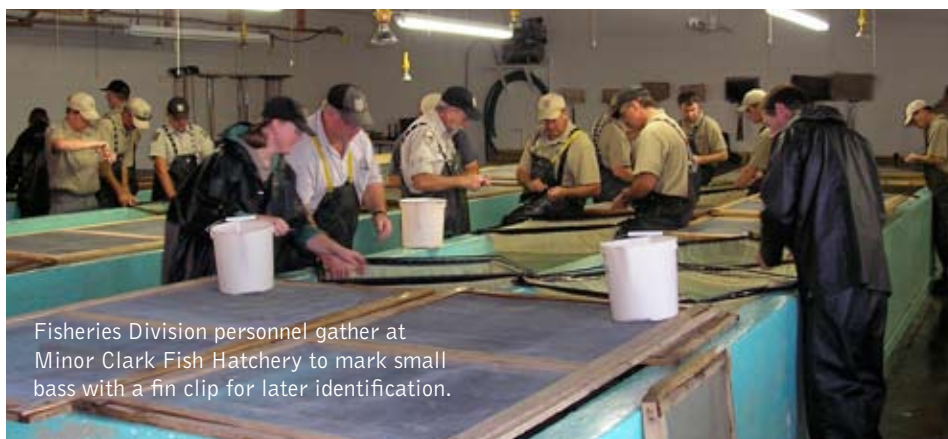
Tailwaters that are stocked during the fall with rainbow trout include: Buckhorn, Carr Creek, Cave Run, Cumberland, Dewey, Fishtrap, Grayson, Herrington, Laurel, Martins Fork, Nolin, Paintsville, Rough River, and Yatesville.

For those anglers who enjoy fishing for rainbow trout in streams, don't worry, fall stockings of rainbow trout also occur in streams throughout the state.

For a complete list of streams and tailwaters stocked in the state, please consult the "Kentucky Fishing and Boating Guide." Anglers looking for the exact date of stockings can check the Department's website under Fishing > Stocking > Trout Stocking Schedule.

October in Kentucky is associated with cooler evenings and sometimes frosty mornings which helps trigger the beginning of some of the finest fishing opportunities throughout the Commonwealth. Such opportunities include early morning topwater fishing for bass and musky, min-

Improving angler catch of bass through the Bass Stocking Initiative



Fisheries Division personnel gather at Minor Clark Fish Hatchery to mark small bass with a fin clip for later identification.

By Chris Hickey, Black Bass Biologist

Every year in late summer/early fall, the department's fisheries personnel venture out to the lakes and rivers in their

respective districts in search of largemouth bass.

With the use of shoreline electrofishing, biologists and technicians sample largemouth bass and collect data on the

lengths and weights of the fish. But unlike spring sampling, special attention is given to the smallest bass of the bunch.

The presence and numbers of these fish, known as young-of-the-year, or YOY's, are used as indications of how successful the largemouth bass spawn was during the previous spring. Unusually low numbers of these "baby bass" could signal a poor spawn, which in turn could result in lower numbers of quality fish for the anglers to catch a couple years down the road.

Several years ago, the Fisheries Division began to develop a proactive approach to help offset below average largemouth bass spawns. This approach, known as the Largemouth Bass Stocking Initiative, or

See "Bass," page 7



Photo taken from video of one of the confiscated alligators.

Bowling Green man gets \$15,000 fine for illegally trading in wildlife

A Bowling Green man finally may be out of the illegal wildlife trade after pleading guilty in Warren District Court to 13 counts of illegally buying, selling or transporting protected wildlife.

Jason Moore Aspley, 34, was fined \$15,000 and court costs in Warren District Court in August, for illegally buying, selling and transporting four alligators and nine tortoises ending an investigation by conservation officer James Heady that began in June 2007.

Aspley paid \$7,500 plus court costs of \$168 and the remaining \$7,500 was probated for two years on the condition that he have no additional fish and wildlife offenses during that time. It was the third time Heady had nabbed Aspley for illegally trading in wildlife.

In 2001, Aspley paid more than \$600 in fines for illegally transporting alligators into Kentucky and selling them to local pet stores, and then later when a New York UPS deliveryman noticed a smelly, liquid oozing from a 36-inch long package he was delivering. He returned it to his distribution center and an investigation turned

up a 56-inch long, 40-pound alligator inside with its mouth, legs, and doubled-around tail duct-taped.

The incident was reported nationally by network news organizations and a New York officer notified Heady that the package's return address implicated Aspley and Heady pursued the case.

This time, it was a Tennessee officer who notified Internet investigations conservation officer Sergeant Jeff Finn that illegal wildlife were being shipped into his state and that Aspley again might be involved.

The Kentucky officers obtained and executed a search warrant and seized Aspley's computer. The FBI Laboratory in Louisville turned up evidence on the computer of numerous instances of possible illegal wildlife transactions.

Heady charged Aspley again with illegally buying, selling and transporting wildlife and Warren District Judge Brent Potter accepted Aspley's guilty plea. Warren Assistant County Attorney James Kane prosecuted the case.

FFA Adopt-a-Farm-for-Wildlife

Trying to convince a middle-aged production farmer to change his routine farming practices to be more "wildlife friendly" is a tough job.

Yet with over 90% of Kentucky's land in private ownership we rely heavily on farmers and landowners to assist us in managing for wildlife. In an effort to educate the next generation of farmers and landowners, KDFWR's Small Game Program recently unveiled a new program that will allow high school students the opportunity to not only make important wildlife management decisions, but actually get outside and implement them.

The Future Farmers of America (FFA) Adopt-a-Farm-for-Wildlife Program will challenge high school-aged youth to be better wildlife stewards by teaching them how to earn a living from farming while also benefiting wildlife, particularly northern bobwhite.

Interested FFA chapters will be responsible for selecting a local farm, whether it is a production, hobby, or recreation farm. KDFWR biologists will assist with management plans and practice implementation.

Students will also help design wildlife monitoring surveys, so they can see, first-hand, the fruits of their labors. The key to the programs success will be direct youth involvement; kids getting their hands dirty, and a real life demonstration of agriculture and wildlife functioning together.

The Mercer County FFA chapter will serve as the pilot chapter, as they are currently locating a farm in the community where they can get started.

If you have a strong relationship with a local FFA chapter, please let us know. Local contacts will make the initial participants much more likely to succeed.

“Bass,” continued

BSI, attempts to identify lakes that have evidence of poor spawns from that spring and uses supplemental stocking to help drive up the numbers of YOY largemouth bass.

The BSI relies on historical data, including the catch rates of YOY's and the number of age-1 largemouth bass, to create a predictive equation for each lake. With this equation and the catch rate of YOY's, the fisheries division can then predict if the numbers of age-1 fish from the following spring will be low enough to require a little extra help.

If this is the case then those lakes will receive a supplemental stocking of advanced fingerling (4-5 inches) largemouth bass. The stocked fish are marked with a fin clip so that fisheries researchers can determine what contribution they make to the natural population when largemouth bass are sampled the following spring.

This is the fourth year that advanced fingerling largemouth bass will be stocked under the Largemouth Bass Stocking Initiative. The majority of the lakes that were sampled this year showed that overall, most largemouth bass spawns were more than adequate.

But there is still a need to help out some of those lakes that for one reason or another had a less successful spawn. There will be more than 100,000 advanced fingerling largemouth bass that will be fin clipped and stocked in central and eastern Kentucky lakes this year.

Lakes that will be stocked in 2008 include Buckhorn, Laurel River, Grayson, Paintsville, and Taylorsville lakes. And as usual biologists will be looking for clipped fish next spring to help determine if the supplemental stocking helped increase the numbers of age-1 largemouth bass.



Electrofishing

Commissioner Jon Gassett joined fisheries biologist Jeff Crosby and crew during an electrofishing trip on a Henry County farm pond last month. Danny Duvall drove the boat and Jason McDowell assisted as well. Very few fish were found and technical guidance was offered to the landowner.



National Hunting & Fishing Day and National Public Lands Day join forces at the Salato Center



Visitors had fun with the bowfishing station. *Kristy Stroud photo*



Volunteers from Toyota worked on a trail on National Public Lands Day. *Charlie Baglan photo*

NATIONAL HUNTING & FISHING DAY

On September 27th, the Salato Wildlife Education Center was packed with hunters and anglers celebrating National Hunting and Fishing Day. The event supports the continuing tradition of hunting and fishing by allowing everyone to participate in related activities.

People of all ages tested their skills at archery, air rifles, bow fishing, laser shot, and tomahawks. Kids were weighed, "tagged," and measured like a bear at the Black Bear Station.

Salato Center staff led a fishing expedition for all who wanted to cast a line at our lakes and Trout Unlimited was on hand to demonstrate the art of tying flies.

In addition to all the activities, cooks came from all around to let the public try some of their tasty wild game dishes in our 3rd Annual Wild Game Cook Off.

Dishes included venison, smoked duck, fried catfish, elk, and bison burgers. Everyone could vote once for their favorite dish and ribbons were awarded to the cooks with the most votes.

Many thanks go to Ducks Unlimited, Carter Button, Hanna Helm, Nodding Hill Upland Game Bird Farm, and Dan from

Passing on the Tradition Support Group for cooking and supplying everyone with information about their organizations.

National Hunting and Fishing Day is not only a time to celebrate hunters and anglers but also an opportunity to connect people to the outdoors.

NATIONAL PUBLIC LANDS DAY

Volunteers and the Salato Center go together like peanut butter and jelly. Without dedicated, hard working volunteers we would be at a loss for many projects getting done in a timely fashion.

So when Toyota contacted the Salato Center offering the work of a couple hundred volunteers for National Public Lands Day – the project list got started!

A total of 218 volunteers from as far away as Texas and Japan came to volunteer their time for various projects led by Salato's volunteers.

Members from Kentucky State University also came to volunteer their efforts. Projects got underway early in the morning and finished around late afternoon. Volunteers constructed a much needed boardwalk leading to the Habitrek Trail that is ADA accessible.

In the Mixed Metaphysic Forest exhibit, a rain garden was created solving an erosion problem. Next to the rain garden, volunteers dug all day to create a vernal pool for additional habitat opportunities for wildlife.

The bird mews were repainted, and invasive Japanese honeysuckle was removed only to be replanted with native plants.

Volunteers didn't stop there. They also worked to cut two new trails within our exhibit areas, one through our Savannah prairie and one leading down to the Dragonfly Marsh. All new trail work includes water bars and fallen trees to stabilize the ground.

And last, but not least, they also cleaned up an illegal dump site located on the back of the property off the Pea Ridge Trail.

The Salato Wildlife Education Center would like to deeply thank all who participated on this day, who volunteered their hard work, and all of the sponsors who contributed to the event.

We would like to thank Roy Peach Lumber and Lowes for donating lumber and to Starbuck's Coffee for donating coffee to keep us going!

We look forward to future events and projects that support our mission to reconnect people and nature.

Next year-class of lake sturgeon released into the upper Cumberland

The second year-class of young lake sturgeon was recently stocked into the upper Cumberland River on September 25, 2008. Approximately 1,500 lake sturgeon (averaging 7.1 inches) were released, with half being stocked at Noe's Dock (upper Cumberland River) and the other half being stocked in the Big South Fork at Alum Ford.

Students from Corbin High School, Whitley County Middle School, and U.S. Forest Service personnel joined Ninth District Fish and Wildlife Commission Member Taylor Orr and department staff in assisting with the stocking of these fish. This effort is part of a long-term commitment by the Fisheries Division to reestablish the lake sturgeon back into its historic, native range in Kentucky.

Lake sturgeon were historically widespread in river and lake ecosystems from southern Canada to the southeastern United States. In Kentucky, lake sturgeon were once native to the Ohio, Mississippi,



Young lake sturgeon.
Matt Thomas photo

and Cumberland River systems.

By the mid-1950's, most populations had declined dramatically, many to the point of extirpation, due to commercial overharvest, pollution, habitat loss and degradation, and the construction of dams.

The lake sturgeon is a state-listed endangered species in Iowa, Indiana, Kentucky, Illinois, Ohio, Missouri, Pennsylvania, and Tennessee. It is listed as threatened in Nebraska, New York, and Michigan.

Similar lake sturgeon restoration efforts are also underway in Missouri, Indiana, Tennessee, and Georgia. All restoration efforts currently involve a captive propagation and re-introduction program back into known historic localities.

Unfortunately, lake sturgeon restoration efforts will be a long-term process. The lake sturgeon is a slow growing, long-lived species that matures at a late

age. Once mature, females do not spawn on an annual basis. Due to its life history characteristics, the Fisheries Division has committed to a 20-year restoration effort to bring this species back into Kentucky.

Lake sturgeon eggs will be obtained annually from the Wisconsin Department of Natural Resources and reared at the Pfeiffer Fish Hatchery. The initial phases of this effort will involve stocking several year-classes of sturgeon before additional efforts are implemented including radio telemetry of large fish, and monitoring of survival, growth, and habitat of stocked fish.

Ultimately, we hope that this effort will result in a natural, reproducing population of lake sturgeon back in the upper Cumberland River. Lake sturgeon are capable of outliving humans and growing in excess of 100 pounds. How amazing would it be for Kentucky to reestablish a fishery for this wonderful mega fauna species?

This project is being funded in part through the State Wildlife Grant program. This program, which is administered through the United States Fish and Wildlife Service, is funded through the Land and Water Conservation Fund (revenues that are generated from Outer Continental Shelf oil and natural gas drilling).

The goal of this program is to help state fish and wildlife agencies develop and implement programs benefiting wildlife and their habitats, specifically those species not hunted or fished and are identified as species of greatest conservation need (SGCN).

For more information about the lake sturgeon restoration project, please contact either Steve Marple (Pfeiffer Fish Hatchery Manager) at (502-564-4957) or Ryan Oster at (502-564-7109 ext. 4461).



Students helped release lake sturgeon in the Cumberland River. *Rick Hill photo*

Fish transportation trucks receive face-lift



Fisheries technician Kenny Atha prepares to offload fish into the upper Sportsman's Lake. *Dave Baker photo*

The Fisheries Division is proud to present a new, updated look to its fleet of fish hatchery transportation trucks.

The new graphics on the sides of the hauling tanks display the various sport fish species commonly found in Kentucky. Many of these species are reared at either Minor Clark or Pfeiffer Fish Hatcheries and stocked throughout the lakes, rivers, and reservoirs of the Commonwealth.

The back of the hauling tank encourages viewers to "Fish Kentucky" and identifies the vehicle as part of the Kentucky Department of Fish and Wildlife Resources.

Our web page is also viewable from the back of the vehicle. This new look is being displayed on two large transportation vehicles, as well as four smaller fish transportation trucks.

The fish hatchery transportation section is comprised of one supervisor, one assistant supervisor, and six fishery technicians. This staff is definitely one of the hardest working groups in the fisheries division, and without doubt has traveled the state of Kentucky several times over.

The next time you run into one of these vehicles stocking your favorite lake, river, or reservoir, please take a moment to admire the new look to these vehicles.

Also, don't hesitate to take a moment and thank these folks for the hard work and effort that they and our fish hatchery personnel put into the rearing and stocking of approximately 4.5 million fish, annually, into the waters of the Commonwealth.

QUAIL UNLIMITED LICENSE PLATE



Lt. Governor Daniel Mongiardo joined Commissioner Jon Gassett and artist Rick Hill, along with Quail Unlimited and Transportation Cabinet officials for the official unveiling of Quail Unlimited's new license plate this month at the Salato Wildlife Education Center. Hill did the quail artwork and department graphic designer Obie Williams designed the plate. *Dave Baker photo*



Law Enforcement Division gets new patrol boats

The Law Enforcement Division has taken delivery of two 27-foot Boston Whaler patrol boats that were purchased with a grant from the Kentucky Department of Homeland Security.

The patrol boat is equipped with a cabin for all-weather 24/7 operation. The boats will be assigned to LE Districts that border the Ohio River and will be used for regular patrol duties and are on call for response to any emergency/security threatening incident on the water.

The Law Enforcement Division is

awaiting the delivery of five (5) other boats and thirteen (13) vehicles that were purchased with Homeland Security funds augmented by matching funds (25%) from the Department of Fish and Wildlife.

Smaller boats assigned to Ohio River patrol will be used to replace aging boats around the state.

Since the fateful events of September 11, 2001, all law enforcement entities, regardless of their primary mission, have been tasked to ensure the safety of this country.

Culp, Shepard and McGregor manuscript accepted by the *Southeastern Naturalist*

Three Fish and Wildlife employees (Jacob Culp, Adam Shepard, and Monte McGregor) from the Center for Mollusk Conservation in Frankfort recently had a manuscript accepted by the peer-reviewed journal, *Southeastern Naturalist*.

This research was done on a state endangered mussel, the Pyramid Pigtoe. Their research goal was to determine aspects of the mussel's life history, includ-

ing its fish hosts. Before this research, very little life history information existed for this species.

If you would like to learn more details about some of the interesting and exciting research going on at the department's Center for Mollusk Conservation, check out the article in an upcoming *Southeastern Naturalist*. It should be published by late 2008.

The full title of the article is "Fish

Curry graduates Academy of Police Supervision

On September 26, 2008, Sergeant Stephen Curry became the Law Enforcement Division's most recent graduate from the Department of Criminal Justice Training's Academy of Police Supervision.

Sgt. Curry is assigned to District Seven. Sgt. Curry recently returned from his second tour of duty in Iraq.

FBI National Academy

Major Larry Estes has received notification that he has been selected to attend the Federal Bureau of Investigation's National Academy (FBINA) in Quantico, VA.

The FBINA is a world-renown training academy for law enforcement supervisors. The FBINA is an 11-week course of training that offers an undergraduate and graduate level curriculum that is certified and accredited through the University of Virginia.

Major Estes will have the opportunity to network with student-officers from all over the world as well as FBI and Drug Enforcement Administration (DEA) recruits.

Major Estes' selection is an historic occasion for the department and division in that he is the first officer from this department to be selected to attend. He will report to the academy in either the spring or fall of 2009.

Hosts and Conglutinates of the Pyramid Pigtoe, *Pleurobema rubrum*," by J. Jacob Culp, Adam C. Shepard, and Monte A. McGregor.

If you're interested in reading a PDF copy of the article, contact Jacob Culp at jacob.culp@ky.gov.



KECC Sporting Clays

Jim Miller of Frankfort Communications scored 98 out of a possible 100 to win the individual championship of the 2nd Annual Kentucky Employees Charitable Contributions Sporting Clays outing. He is flanked by scorekeeper Pat Barnard (left) and his wife and teammate, Nannette. He led his team, completed by David Casey and Mark Marraccini, to an overall third place finish. Taylorsville Lake WMA foreman Bill Mitchell grilled elk and buffalo burgers for the participants.

(Below) John Brunjes looks on as teammate Scott King shoots during this month's KECC Sporting Clays outing. The event generated \$1,005 for KECC.
Mark Marraccini photos

